

Vipin Yadav

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PROFESSIONAL SUMMARY

Entry-level Software Engineer with hands-on experience in **Python, Django**, and Web Development. Skilled in building **RESTful APIs**, implementing **authentication and authorization**, and performing **CRUD operations** with **SQL-based databases**. Proficient in HTML, CSS, JavaScript, Bootstrap, Git and GitHub. Strong problem-solving skills with a passion for building scalable web applications.

TECHNICAL SKILLS

Programming Languages: Python, JavaScript, C# (Basic)
Frameworks & Libraries: Django, Django REST Framework (DRF), Bootstrap
Databases: MySQL, SQLite
Web Technologies: HTML5, CSS3
Tools & Version Control: Git, GitHub, VS Code

PROJECTS

Shoppinglyx – E-commerce Website Sep 2024 – Oct 2024

Tech Stack: Django, SQLite3, Bootstrap, RESTful APIs

GitHub Link: github.com/Vipin04345/shoppinglyx-django-ecommerce

Live Demo: vipinyadav.pythonanywhere.com

- Designed and developed a **full-stack e-commerce web application** having a responsive UI and secure backend architecture.
- Implemented **shopping cart, order management, CRUD operations and checkout workflow**.
- Integrated **PayPal Payment Gateway** using sandbox credentials, and webhook-based payment verification.
- Designed **authentication, session management**, and role-based access control for secure user access.
- Applied **security measures** including **CSRF protection**, input validation, and secure session handling.

Student Study Portal

Nov 2024 – Jan 2025

Tech Stack: Django, MySQL, Bootstrap, RESTful APIs

GitHub Link: github.com/Vipin04345/Student-study-portal-django

Live Demo: student-study-portal-django.onrender.com

- Developed a student study portal using built-in **authentication system** for secure **user login, logout & session management**.
- Implemented a todo management module with **CRUD operations** to help users organize daily study tasks.
- Integrated third-party APIs such as **YouTubeSearch, Dictionary, Wikipedia**, and **conversion APIs** with proper **error handling**.
- Designed and optimized a responsive front-end using **HTML, CSS & Bootstrap 5** for clean and user-friendly UI.

EDUCATION

Bachelor of Technology in Computer Science and Engineering

2021 – 2025

R. R. Group of Institutions, Lucknow, Uttar Pradesh
CGPA: 7.6 / 10

Higher Secondary Education (Science) [12th]

2020 – 2021

M. C. S. S. S. Inter College, UP Board
Percentage: 66%

Secondary School Education [10th]

2018 – 2019

M. C. S. S. S. Inter College, UP Board
Percentage: 75%

EXPERIENCE

Project Engineer (Academic Projects)

Aug 2023 – May 2024

- Designed and developed full-stack web applications using Python, Django, JavaScript, HTML, CSS, Bootstrap.
- Built backend functionality including user authentication, authorization, CRUD operations, and database integration.
- Designed and consumed RESTful APIs using Django REST Framework for seamless front-end and back-end communication.
- Collaborated in 3+ group projects, taking lead on back-end development and database design.
- Followed Agile development practices, working in sprint-based development cycles with task planning and reviews.
- Used Git and GitHub for version control, code collaboration, issue tracking and project management.
- Participated in code reviews, debugging, and performance optimization to improve application stability.
- Implemented security best practices including input validation, CSRF protection, and session management.

CERTIFICATIONS

Python Programming Certification: Skylab Engineers and Instruments

Dec 2024

Django Web Development Certification: Skylab Engineers and Instruments

Mar 2025

HTML5 and CSS3 Certification: KG Coding

Nov 2023

